



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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### Detalles de contacto

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<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
VMW_VAOICM817	40 Hours (5 días)	€52,000.00

## Description

This five-day, hands-on training course provides you with the knowledge and skills to deploy a VMware Aria Operations cluster that meets the monitoring requirements of your environment. This course includes advanced capabilities, such as customizing alerts, views, reports, and dashboards, and explains the deployment and architecture in VMware Aria Operations. This course explains application monitoring, certificates, policies, capacity and cost concepts, and workload optimization with real-world use cases. This course covers troubleshooting using the workbench, alerts, and predefined dashboards, and how to manage compliance and configurations. This course also covers several management packs.

5 days of work with a trainer  
Trainer's supervision  
Contact with community  
Coursebook  
Lab environment  
Training method  
lecture  
workshops

## Objetivos

By the end of the course, you should be able to meet the following objectives:

- List the VMware Aria Operations use cases
- Identify features and benefits of VMware Aria Operations
- Describe the functions of nodes and components in VMware Aria Operations clusters
- Determine the VMware Aria Operations cluster that meets your monitoring requirements
- Deploy and configure a VMware Aria Operations cluster
- Use tags and tag values in grouping objects
- Describe VMware Aria Operations certificates
- Create policies to meet the operational needs of your environment
- Recognize effective ways to optimize performance, capacity, and cost in data centers
- Use the Workload Placement (WLP) feature to optimize performance
- Troubleshoot and manage issues using workbench, alerts, and predefined dashboards
- Manage configurations
- Configure Application Monitoring using VMware Cloud Proxy
- Create custom symptoms and alert definitions, reports, and views
- Create various custom dashboards using the dashboard creation canvas
- Configure widgets and widget interactions for dashboards
- Describe the concept, components, and benefits of super metrics
- Configure users and user groups for controlled access to your environment
- Extend the capabilities of VMware Aria Operations by adding management packs and configuring solutions

## Público

Experienced system administrators and system integrators  
Consultants responsible for designing, implementing, and customizing VMware Aria Operations

## Requisitos Previos

Before taking this course, you must meet at least one of the following requirements:  
VMware vSphere®: Install, Configure, Manage  
6 months of hands-on VMware Aria Operations experience

## **Programa**

### **1. Course Introduction**

Introduction and course logistics  
Course objectives

### **2. Introduction to VMware Aria Operations**

List the key features of VMware Aria Operations  
Outline VMware Aria Operations use cases

### **3. VMware Aria Operations Architecture**

Describe the role of the primary node in a VMware Aria Operations cluster  
Identify the functions of components in a VMware Aria Operations node  
Identify the types of nodes and their role in a VMware Aria Operations cluster  
Outline how high availability is achieved in VMware Aria Operations  
List the components required to enable Continuous Availability (CA)

### **4. Deploying VMware Aria Operations**

Describe the VMware Aria Operations cluster design and sizing principles  
Prepare an environment for a VMware Aria Operations deployment  
Deploy a VMware Aria Operations node  
Describe different VMware Aria Operations deployment scenarios

### **5. Tags and Custom Groups**

Use tags and tag values in grouping objects  
Create custom group types to collect and report data from objects  
Describe Business Applications and Custom Datacenter

### **6. Policies and Certificate Management**

Use policies to analyze information about various object types and objects in your environment  
Configure policies and other components  
Create Certificate Signing Requests for your VMware Aria Operations instance

### **7. Capacity Optimization**

Define capacity planning terms  
Explain capacity planning models  
Define the capacity concepts  
Configure custom profiles

### **8. What-If Scenarios and Costing in VMware Aria Operations**

Assess what-if scenarios for adding and removing VM workloads to a data center  
Assess what-if scenarios for adding and removing hosts to a data center  
Assess what-if scenarios to plan the migration of workloads to VMware and public clouds

### **9. Performance Optimization**

Describe performance optimization  
Define the business and operational intentions for a data center  
Use the Optimize Now feature to optimize workload performance  
Review optimization history and potential  
Automate the process of optimizing and balancing workloads in data centers

### **10. Troubleshooting and Managing Configurations**

Use the troubleshooting workbench to analyze a problem  
Troubleshoot objects using the Troubleshooting Workbench Alerts and Metrics tabs

Outline how VMware Aria Operations applies compliance in your environment  
Use configuration and compliance dashboards to assess the status of objects in your environment

### **11. Service Discovery and Application Monitoring**

Describe native service discovery and application monitoring features  
Configure application monitoring  
Monitor applications by using VMware Cloud Proxy for VMware Aria Operations

### **12. Custom Alerts**

Identify the components of an alert definition  
Create symptom definitions  
Create recommendations, actions, and notifications  
Configure a custom alert using the Create Alert Definition workflow  
Attach symptoms, conditions, and recommendations to an alert definition

### **13. Custom Views and Reports**

Outline the role of views in VMware Aria Operations  
Create a basic custom view  
Configure view settings  
Create a custom report template

### **14. Custom Dashboards**

Create dashboards that use predefined and custom widgets  
Configure widgets to interact with other widgets and other dashboards  
Manage dashboards by grouping dashboards and sharing dashboards with users

### **15. Super Metrics**

Describe the concept, components, and benefits of supermetrics  
Define the types of super metrics and their usage  
Describe super metric design considerations  
Manage super metrics with the super metric wizard

### **16. User Access Control**

Outline access control in VMware Aria Operations  
Create local users and user groups  
Determine privilege priorities when a user has multiple privileges  
Import users and user groups from an LDAP source

### **17. Extending and Managing a VMware Aria Operations Deployment**

Identify common management packs that are available to your environment  
Monitor the health of a VMware Aria Operations cluster  
Generate a support bundle  
View VMware Aria Operations logs and audit reports  
Perform VMware Aria Operations cluster management tasks

## **Fechas Programadas**

A petición. Gracias por [contactarnos](#).

## **Información Adicional**

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)